

ASES CHEMICAL WORKS

Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India

Ph: +91-9636889954

Email : ecom@ases.in Website : www.ases.in



CERTIFICATE OF ANALYSIS

Product	Calcium Hypochlorite
Formula	CaCl ₂ O ₂
M.Weight	142.99
CAS No	7778-54-3
Batch Number & Mfg Date	As on Label
Date of Expiry	3 Years From Mfg
Date of Analysis	Jan-2024

Sl.no.	Parameter	Specification	Results
1	Available chlorine	65% TO 70%	67.54
2	Moisture @ 105C	5% - 10 %	6.93
3	Water insoluble substance.	3%max	2.01
4	Calcium Chloride (as CaCl ₂)	3% max	2.03
5	Sodium Chloride (as NaCl)	20% max	11
6	Calcium Hydroxide (as Ca(OH) ₂)	3% max	2.02
7	Aluminium Oxide (as Al ₂ O ₃)	1% max	0.2
8	Chromium (Cr)	10 ppm max	4
9	Nickel (as Ni)	10 ppm max	4
10	Iron (as Fe)	0.1% max	0.01
11	Heavy Metal (as Pb)	10 ppm max	4
12	Arsenic (as As)	10 ppm max	5
13	Cadmium (as Cd)	5 ppm max	2
14	Antimony (Sb)	10 ppm max	5
15	Mercury (Hg)	10 ppm max	4
16	Selenium (Se)	5 ppm max	2
17	Density	1.1-1.3 gm/cc	1.113gm/cc
18	Particle Size		
	Retention on 36 Mesh	50 % min	75.21
	Retention on 100 Mesh	90% min	94.21